GOVERNMENT OF INDIA
URBAN DEVELOPMENT AND POVERTY ALLEVATION
LOK SABHA

UNSTARRED QUESTION NO:870
ANSWERED ON:27.02.2001
DELHI METRO PROJECT
ARUN KUMAR;SRIKANTA DATTA NARASIMHARAJA WADIYAR

Will the Minister of URBAN DEVELOPMENT AND POVERTY ALLEVATION be pleased to state:

(a) whether the Government have examined the vulnerability of Delhi Metro Rail Project to earthquake;

(b) if so, the details thereof;

(c) the progress of the Delhi Metro Rail Project;

(d) whether certain changes have been proposed in the route;

(e) if so, the description of the final route map with proposed stations; and

(f) the time fixed for the completion of the project?

Answer

MINISTER OF URBAN DEVELOPMENT & POVERTY ALLEVIATION (SHRI JAGMOHAN)

(a)&(b): The Delhi Metro Rail Corporation (DMRC) Ltd.- the implementing agency for Delhi MRTS Phase-I - have intimated that while preparing Detailed Project Report for Delhi MRTS, M/s RITES- The Consultants - sought opinion of Indian Meteorological Department on this issue and the Department recommended for adoption of 0.07 g as basic seismic co-efficient, while designing of structure under such situation where there is high probability of occurrence of earthquake of 70 magnitudes, inspite of the fact that Delhi falls under Zone-IV where the relevant basic seismic coefficient to be taken is 0.05 g as per BIS Code No. IS 1893. It has further been indicated by DMRC that design of all structures have been carried out by them as per Indian Railway Standard Bridge Rules, IS 1893, etc. and as per the loading standard approved by Ministry of Railways. Delhi MRTS phase-I structures already constructed or under construction conform to the above criteria.

(c): Physical progress achieved upto 31.1.2001 is 11.4%.

(d): No changes have been proposed by the Government of India or by the Government of NCT of Delhi in the route alignments of Delhi MCRTS Phase-I already approved by the Government.

(e): Delhi Metro Rail phase-I consists of the following routes:

- Shahdara - Trinagar-Nangloi rail corridor (25 kms) - 19 stations+
- Trinagar-Barwala (16 kms.) - 12 stations+
- Vishwa Vidyalaya-Central Secretariat (11 kms) - 10 stations+

\+ Details given at annexure.

(f): Completion target - March, 2005.

ANNEXURE REFERRED TO IN REPLY TO PART (e) OF L.S. UNSTARRED QUESTION NO.870 FOR 27.02.2001.

ANNEXURE

DETAILS OF PROPOSED STATIONS OF DELHI MRTS PROJECT PHASE-I

SHAHDARA-TRINAGAR-NANGLOI RAIL CORRIDOR: Shahdara, Seelampur, Gautampur, Shastri Park, ISBT, Tis Hazari, Pul Bangash, Pratap Nagar, Vivekanandpuri, Trinagar, Rampura, Srinagar Garden, Shakur Basti, Surya Enclave, Multan Nagar, Mangol Puri, Jawalapuri, Kavita Colony, Nangloi.

TRINAGAR-BARWALA RAIL CORRIDOR: Trinagar, Kanhaiya Nagar, Lawrence Road, Wazir Pur, Kohat Enclave, Pitam Pura, Rohini (East), Rohini (West), Rithala, Daulat Pur, Pehlad Pur, Barwala.

VISHWAVIDYALAYA-CENTRALSECRETARIAT METROCORRIDOR:Vishwa Vidyalaya, Old Secretariat, Civil Lines, ISBT, Delhi main, Chawri Bazar, New Delhi, Connaught Place, Patel Chowk, Central Secretariat.